

| L Number | Hits   | Search Text  | DB              | Time stamp       |
|----------|--------|--|-----------------|------------------|
| 1        | 26595  | nephro\$1sclero\$4 or glomerulo\$1sclero\$4 or renal or sclero\$4  | USPAT           | 2002/11/12 11:44 |
| 2        | 32021  | nephro\$1sclero\$4 or glomerulo\$1sclero\$4 or renal or sclero\$4  | USPAT; US-PGPUB | 2002/11/12 11:44 |
| 3        | 229755 | (magnetic adj resonance) or mri or ultra\$1sound or cat! or (compute\$6 adj t\$1m\$1gra\$4) or ct!   | USPAT; US-PGPUB | 2002/11/12 12:06 |
| 4        | 341    | (nephro\$1sclero\$4 or glomerulo\$1sclero\$4 or renal or sclero\$4) with ((magnetic adj resonance) or mri or ultra\$1sound or cat! or (compute\$6 adj t\$1m\$1gra\$4) or ct!)  | USPAT; US-PGPUB | 2002/11/12 11:51 |
| 5        | 11     | ((nephro\$1sclero\$4 or glomerulo\$1sclero\$4 or renal or sclero\$4) with ((magnetic adj resonance) or mri or ultra\$1sound or cat! or (compute\$6 adj t\$1m\$1gra\$4) or ct!)) with (fibrosis or fibrosing or fibrotic)   | USPAT; US-PGPUB | 2002/11/12 12:08 |
| 6        | 339    | ((nephro\$1sclero\$4 or glomerulo\$1sclero\$4 or renal or sclero\$4) with ((magnetic adj resonance) or mri or ultra\$1sound or cat! or (compute\$6 adj t\$1m\$1gra\$4) or ct!)) not (cat adj scratch)                      | USPAT; US-PGPUB | 2002/11/12 11:58 |
| 7        | 190    | renal near3 (fibrosis or fibrosing or fibrotic)  | USPAT; US-PGPUB | 2002/11/12 11:57 |
| 8        | 0      | ((magnetic adj resonance) or mri or ultra\$1sound or cat! or (compute\$6 adj t\$1m\$1gra\$4) or ct!) with (renal near3 (fibrosis or fibrosing or fibrotic))  | USPAT; US-PGPUB | 2002/11/12 11:56 |
| 9        | 0      | ((magnetic adj resonance) or mri or ultra\$1sound or cat! or (compute\$6 adj t\$1m\$1gra\$4) or ct!) same (renal near3 (fibrosis or fibrosing or fibrotic))  | USPAT; US-PGPUB | 2002/11/12 11:56 |
| 10       | 1      | glomerulo\$6 near3 (fibrosis or fibrosing or fibrotic)   | USPAT; US-PGPUB | 2002/11/12 11:57 |
| 11       | 299    | ((nephro\$1sclero\$4 or glomerulo\$1sclero\$4 or renal or sclero\$4) with ((magnetic adj resonance) or mri or ultra\$1sound or cat! or (compute\$6 adj t\$1m\$1gra\$4) or ct!)) not (cat adj scratch)) not (cat near2 dog) | USPAT; US-PGPUB | 2002/11/12 12:06 |
| 12       | 53456  | kidney or renal  | USPAT; US-PGPUB | 2002/11/12 12:06 |
| 13       | 232596 | (magnetic adj resonance) or mri or ultra\$1sound or ultra\$1sonogr\$5 or cat! or t\$1m\$1gra\$4 or ct!   | USPAT; US-PGPUB | 2002/11/12 12:08 |
| 14       | 907    | (kidney or renal) with ((magnetic adj resonance) or mri or ultra\$1sound or ultra\$1sonogr\$5 or cat! or t\$1m\$1gra\$4 or ct!)  | USPAT; US-PGPUB | 2002/11/12 12:08 |
| 15       | 10986  | fibrosis or fibrosing or fibrotic  | USPAT; US-PGPUB | 2002/11/12 12:09 |
| 16       | 3      | ((kidney or renal) with ((magnetic adj resonance) or mri or ultra\$1sound or ultra\$1sonogr\$5 or cat! or t\$1m\$1gra\$4 or ct!)) with (fibrosis or fibrosing or fibrotic)   | USPAT; US-PGPUB | 2002/11/12 12:10 |
| 17       | 4      | ((kidney or renal) with ((magnetic adj resonance) or mri or ultra\$1sound or ultra\$1sonogr\$5 or cat! or t\$1m\$1gra\$4 or ct!)) same (fibrosis or fibrosing or fibrotic)   | USPAT; US-PGPUB | 2002/11/12 12:18 |
| 18       | 179859 | reduc\$4 near3 (size or mass)  | USPAT; US-PGPUB | 2002/11/12 12:19 |
| 20       | 0      | (fibrosis or fibrosing or fibrotic) with ((kidney or renal) with (reduc\$4 near3 (size or mass)))  | USPAT; US-PGPUB | 2002/11/12 12:20 |
| 21       | 0      | (fibrosis or fibrosing or fibrotic) same ((kidney or renal) with (reduc\$4 near3 (size or mass)))  | USPAT; US-PGPUB | 2002/11/12 12:20 |

|    |    |  |                 |                  |
|----|----|--|-----------------|------------------|
| 22 | 0  | ((magnetic adj resonance) or mri or ultra\$1sound or ultra\$1sonogr\$5 or cat! or t\$1m\$1gra\$4 or ct!) with ((kidney or renal) with (reduc\$4 near3 (size or mass))) | USPAT; US-PGPUB | 2002/11/12 12:20 |
| 23 | 0  | ((magnetic adj resonance) or mri or ultra\$1sound or ultra\$1sonogr\$5 or cat! or t\$1m\$1gra\$4 or ct!) same ((kidney or renal) with (reduc\$4 near3 (size or mass))) | USPAT; US-PGPUB | 2002/11/12 12:20 |
| 19 | 67 | (kidney or renal) with (reduc\$4 near3 (size or mass))   | USPAT; US-PGPUB | 2002/11/12 12:21 |

| L Number | Hits   | Search Text  | DB              | Time stamp       |
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| 1        | 26595  | nephro\$1sclero\$4 or glomerulo\$1sclero\$4 or renal or sclero\$4  | USPAT           | 2002/11/12 11:44 |
| 2        | 32021  | nephro\$1sclero\$4 or glomerulo\$1sclero\$4 or renal or sclero\$4  | USPAT; US-PGPUB | 2002/11/12 11:44 |
| 3        | 229755 | (magnetic adj resonance) or mri or ultra\$1sound or cat! or (compute\$6 adj t\$1m\$1gra\$4) or ct!   | USPAT; US-PGPUB | 2002/11/12 12:06 |
| 4        | 341    | (nephro\$1sclero\$4 or glomerulo\$1sclero\$4 or renal or sclero\$4) with ((magnetic adj resonance) or mri or ultra\$1sound or cat! or (compute\$6 adj t\$1m\$1gra\$4) or ct!)  | USPAT; US-PGPUB | 2002/11/12 11:51 |
| 5        | 11     | ((nephro\$1sclero\$4 or glomerulo\$1sclero\$4 or renal or sclero\$4) with ((magnetic adj resonance) or mri or ultra\$1sound or cat! or (compute\$6 adj t\$1m\$1gra\$4) or ct!)) with (fibrosis or fibrosing or fibrotic)   | USPAT; US-PGPUB | 2002/11/12 12:08 |
| 6        | 339    | ((nephro\$1sclero\$4 or glomerulo\$1sclero\$4 or renal or sclero\$4) with ((magnetic adj resonance) or mri or ultra\$1sound or cat! or (compute\$6 adj t\$1m\$1gra\$4) or ct!)) not (cat adj scratch)                      | USPAT; US-PGPUB | 2002/11/12 11:58 |
| 7        | 190    | renal near3 (fibrosis or fibrosing or fibrotic)  | USPAT; US-PGPUB | 2002/11/12 11:57 |
| 8        | 0      | ((magnetic adj resonance) or mri or ultra\$1sound or cat! or (compute\$6 adj t\$1m\$1gra\$4) or ct!) with (renal near3 (fibrosis or fibrosing or fibrotic))  | USPAT; US-PGPUB | 2002/11/12 11:56 |
| 9        | 0      | ((magnetic adj resonance) or mri or ultra\$1sound or cat! or (compute\$6 adj t\$1m\$1gra\$4) or ct!) same (renal near3 (fibrosis or fibrosing or fibrotic))  | USPAT; US-PGPUB | 2002/11/12 11:56 |
| 10       | 1      | glomerulo\$6 near3 (fibrosis or fibrosing or fibrotic)   | USPAT; US-PGPUB | 2002/11/12 11:57 |
| 11       | 299    | ((nephro\$1sclero\$4 or glomerulo\$1sclero\$4 or renal or sclero\$4) with ((magnetic adj resonance) or mri or ultra\$1sound or cat! or (compute\$6 adj t\$1m\$1gra\$4) or ct!)) not (cat adj scratch)) not (cat near2 dog) | USPAT; US-PGPUB | 2002/11/12 12:06 |
| 12       | 53456  | kidney or renal  | USPAT; US-PGPUB | 2002/11/12 13:44 |
| 13       | 232596 | (magnetic adj resonance) or mri or ultra\$1sound or ultra\$1sonogr\$5 or cat! or t\$1m\$1gra\$4 or ct!   | USPAT; US-PGPUB | 2002/11/12 12:49 |
| 14       | 907    | (kidney or renal) with ((magnetic adj resonance) or mri or ultra\$1sound or ultra\$1sonogr\$5 or cat! or t\$1m\$1gra\$4 or ct!)  | USPAT; US-PGPUB | 2002/11/12 12:08 |
| 15       | 10986  | fibrosis or fibrosing or fibrotic  | USPAT; US-PGPUB | 2002/11/12 13:42 |
| 16       | 3      | ((kidney or renal) with ((magnetic adj resonance) or mri or ultra\$1sound or ultra\$1sonogr\$5 or cat! or t\$1m\$1gra\$4 or ct!)) with (fibrosis or fibrosing or fibrotic)   | USPAT; US-PGPUB | 2002/11/12 12:10 |
| 17       | 4      | ((kidney or renal) with ((magnetic adj resonance) or mri or ultra\$1sound or ultra\$1sonogr\$5 or cat! or t\$1m\$1gra\$4 or ct!)) same (fibrosis or fibrosing or fibrotic)   | USPAT; US-PGPUB | 2002/11/12 12:18 |
| 18       | 179859 | reduc\$4 near3 (size or mass)  | USPAT; US-PGPUB | 2002/11/12 12:19 |
| 20       | 0      | (fibrosis or fibrosing or fibrotic) with ((kidney or renal) with (reduc\$4 near3 (size or mass)))  | USPAT; US-PGPUB | 2002/11/12 12:20 |
| 21       | 0      | (fibrosis or fibrosing or fibrotic) same ((kidney or renal) with (reduc\$4 near3 (size or mass)))  | USPAT; US-PGPUB | 2002/11/12 12:20 |

|    |       |   |                 |                  |
|----|-------|---|-----------------|------------------|
| 22 | 0     | ((magnetic adj resonance) or mri or ultra\$1sound or ultra\$1sonogr\$5 or cat! or t\$1m\$1gra\$4 or ct!) with ((kidney or renal) with (reduc\$4 near3 (size or mass)))            | USPAT; US-PGPUB | 2002/11/12 12:20 |
| 23 | 0     | ((magnetic adj resonance) or mri or ultra\$1sound or ultra\$1sonogr\$5 or cat! or t\$1m\$1gra\$4 or ct!) same ((kidney or renal) with (reduc\$4 near3 (size or mass)))            | USPAT; US-PGPUB | 2002/11/12 12:20 |
| 19 | 67    | (kidney or renal) with (reduc\$4 near3 (size or mass))  | USPAT; US-PGPUB | 2002/11/12 12:33 |
| 24 | 45    | ((magnetic adj resonance) or mri or ultra\$1sound or ultra\$1sonogr\$5 or cat! or t\$1m\$1gra\$4 or ct!) with (fibrosis or fibrosing or fibrotic)                                 | USPAT; US-PGPUB | 2002/11/12 12:33 |
| 25 | 40851 | (magnetic adj resonance) or mri   | USPAT; US-PGPUB | 2002/11/12 12:49 |
| 26 | 167   | ((magnetic adj resonance) or mri) with (kidney or renal)  | USPAT; US-PGPUB | 2002/11/12 12:50 |
| 27 | 57    | ((magnetic adj resonance) or mri) near3 (kidney or renal)   | USPAT; US-PGPUB | 2002/11/12 12:50 |
| 28 | 1380  | diabet\$3 near3 nephropathy   | USPAT; US-PGPUB | 2002/11/12 13:43 |
| 29 | 6285  | (kidney or renal) near3 disease   | USPAT; US-PGPUB | 2002/11/12 13:46 |
| 30 | 3734  | bmp\$3 or (((bone adj morph\$10) or osteo\$6) adj (protein\$5 or polypeptide\$5 or factor\$5))  | USPAT; US-PGPUB | 2002/11/12 13:47 |
| 31 | 3087  | opl or "op-1"   | USPAT; US-PGPUB | 2002/11/12 13:48 |
| 33 | 251   | ((diabet\$3 near3 nephropathy) or ((kidney or renal) near3 disease)) and (((bone adj morph\$10) or osteo\$6) adj (protein\$5 or polypeptide\$5 or factor\$5)) or (opl or "op-1")  | USPAT; US-PGPUB | 2002/11/12 13:48 |
| 32 | 17    | ((diabet\$3 near3 nephropathy) or ((kidney or renal) near3 disease)) same (((bone adj morph\$10) or osteo\$6) adj (protein\$5 or polypeptide\$5 or factor\$5)) or (opl or "op-1") | USPAT; US-PGPUB | 2002/11/12 13:48 |

US-PAT-NO: 6476001

DOCUMENT-IDENTIFIER: US 6476001 B1

TITLE: Facilitation of repair of neural injury with CM101/GBS toxin

----- KWIC -----

Spinal cord gliosis levels and overall recovery of tissue structure were determined by histopathological examination of tissue from treated and untreated animals. The results corroborated the MRI analysis: CM101-treated mice had significantly reduced areas of hemorrhage, gliosis and fibrosis compared to control mice.

US-PAT-NO: 4932411

DOCUMENT-IDENTIFIER: US 4932411 A

TITLE: Intervivo coil for a nuclear magnetic resonance tomographic apparatus

----- KWIC -----

It is an object of the present invention to provide a means for generating locally resolved tomographs of specific body organs such as the brain, liver and kidney using nuclear magnetic resonance technology. The above object is inventively achieved in a nuclear magnetic resonance tomography device having a measuring coil which is introduced into the interior of the body through channels or cannulae which have heretofore been utilized for other purposes. The measuring coil is then utilized in conjunction with the conventional nuclear magnetic resonance apparatus to generate spectroscopic information at a highly localized and selected area of the patient. The measuring coil is provided on a thin carrier having a cross-sectional area on the magnitude of a few square millimeters, which is also approximately the diameter of the coil. The coil may have a length of approximately 10 to 20 mm.

US-PAT-NO: 6433464

DOCUMENT-IDENTIFIER: US 6433464 B1

TITLE: Apparatus for selectively dissolving and removing material using ultra-high frequency ultrasound

----- KWIC -----

Additionally, the ultrasound method of the present invention can be used to dissolve prostate tissue directly, without using a laser or some other form of energy. Examination and experimentation on tissue samples indicates that the ultrasound method of the present invention can indeed be used to remove unwanted prostate tissue, largely because as the BPH process develops, the tissue becomes more fibrotic giving it different elastic and acoustical properties than the surrounding healthy tissue. Thus, the present method allows BPH to be treated in essentially a one-step process, with ultra-high frequency ultrasound doing the work of the laser (or other energy sources) as well as the subsequent dissolution of the unwanted material. The combination of ultrasound parameters required to dissolve BPH leaves the vascular bed intact to provide a framework for regrowth of healthy tissue. Application of the same transducer but with different ultrasound parameters (e.g., higher power levels) removed the remaining capillaries.

US-PAT-NO: 6264949

DOCUMENT-IDENTIFIER: US 6264949 B1

TITLE: Noninvasive agents for diagnosis and prognosis of the progression of fibrosis

----- KWIC -----

The development of an in vivo imaging system as described herein to assess the extent of fibrosis will enable the prognosis of a greater number of patients to be determined and will eliminate the risks associated with biopsy. Moreover, the in vivo imaging test of the present invention will reduce the costs associated with assessing the extent of fibrosis. A variety of imaging techniques are available, including positron emission tomography (PET) and SPECT scanning and magnetic resonance (MR) scanning, which may be used in conjunction with markers of fibrosis as described herein.

US-PAT-NO: 5505088

DOCUMENT-IDENTIFIER: US 5505088 A

TITLE: Ultrasound microscope for imaging living tissues

----- KWIC -----

Prior art has imaged cellular characteristics in thin (5 micron) sections of tissue. Myocardial pathology, which is characterized by myocyte necrosis, lymphocytic infiltration and interstitial fibrosis, can be visualized clearly with very high frequency ultrasound. However, ultrasound in the very high frequency range trades off the disadvantage of very shallow penetration into tissue.

US-PAT-NO: 5846517

DOCUMENT-IDENTIFIER: US 5846517 A

TITLE: Methods for diagnostic imaging using a renal contrast agent and  
a  
vasodilator

----- KWIC -----

Magnetic resonance imaging techniques, particularly directed to imaging  
of the  
renal region, are described in, for example, Brown et al., "Magnetic  
Resonance  
Imaging of the Adrenal Gland and Kidney", Topics in Magnetic Resonance  
Imaging,  
Vol. 7(2), pp. 90-101 (1995); Krestin, "Magnetic Resonance Imaging of  
the  
Kidneys: Current Status", Magnetic Resonance Quarterly, Vol. 10(1), pp.  
2-21  
(March 1994); Lee, "Recent Advances in Magnetic Resonance Imaging of  
Renal  
Masses", Canadian Association of Radiologists Journal, Vol. 42(3), pp.  
185-9  
(June 1991); Lubat et al., "Magnetic Resonance Imaging of the Kidneys  
and  
Adrenals", Vol. 2(3), pp. 17-36 (June 1990); Baumgartner et al.,  
"Magnetic  
Resonance Imaging of the Kidneys and Adrenal Glands", Seminars in  
Ultrasound,  
CT and MR, Vol. 10(1), pp. 43-62 (February 1989); Choyke et al., "The  
Role of  
MRI in Diseases of the Kidney", Radiologic Clinics of North America  
Vol. 26(3),  
pp. 617-31 (May 1988); and Papanicolaou et al., "Magnetic Resonance  
Imaging of  
the Kidney", Urologic Radiology, Vol. 8(3), pp. 139-50 (1986).

US-PAT-NO: 5335660

DOCUMENT-IDENTIFIER: US 5335660 A

TITLE: Magnetic resonance method of measuring kidney filtration rates

----- KWIC -----

c) measuring a longitudinal spin relaxation time of pre-filtered blood,  
T.sub.1A, prefiltered blood being blood on its way into the kidney,  
with

magnetic resonance (MR) techniques, subsequent to injecting the  
contrast agent;

d) measuring a longitudinal spin relaxation time of post-filtered  
blood,

T.sub.1V, post-filtered blood being blood on its way out of the kidney,  
with

magnetic resonance (MR) techniques, subsequent to injecting the  
contrast agent;

and

US-PAT-NO: 4804529

DOCUMENT-IDENTIFIER: US 4804529 A

TITLE: Use of specific relaxation agents for organs or pathologies for modifying the contrasts in medical imaging by nuclear magnetic resonance

----- KWIC -----

This example relates to the preparation of gadolinium dimercaptosuccinate and its use for obtaining an image of the kidney by nuclear magnetic resonance.

US-PAT-NO: 4612185

DOCUMENT-IDENTIFIER: US 4612185 A

TITLE: Methods and compositions for enhancing magnetic resonance imaging

----- KWIC -----

10. A method as set forth in claim 5 wherein magnetic resonance images of the kidney are enhanced.